

IN THE CLAIMS: Please rewrite the claims as follows;

1 1. (Previously presented) A method for use in a computer network having a proc-
2 ess manager and a network management station for reporting to the network management
3 station the addition of new applications or processes to the computer network, the method
4 comprising the steps of:

5 providing a configuration service layer in communicating relationship with a new
6 application or process and the process manager;

7 in response to opening the new application or process, issuing a registration ser-
8 vice request from the new application or process to the process manager through the con-
9 figuration service layer;

10 establishing a method at the network management station for persistently and con-
11 tinuously listening for messages from the process manager;

12 in response to receiving the registration service request at the process manager,
13 generating and forwarding a notification message that identifies the new application or
14 process to the network management station; and

15 automatically displaying the notification message at the network management sta-
16 tion without having to close and re-start the management station.

1 2. (Original) The method of claim 1 further comprising the steps of:

2 creating a process manager window at the network management station that dis-
3 plays a list of applications and processes opened in the computer network; and
4 in response to receiving the notification message, adding the new application or
5 process to the list of applications and processes displayed in the process manager win-
6 dow.

1 3. (Original) The method of claim 2 further comprising the step of displaying a
2 status, a start time and a location of the new application or process, within the process
3 manager window, based on information from the received notification message.

1 4. (Original) The method of claim 3 wherein the status includes one of up, down,
2 started, not started, and unknown.

1 5. (Original) The method of claim 4 wherein the new application or process has
2 parameters associated with at least one of configure, control, diagnose and status func-
3 tions, the method further comprising the steps of:

4 in response to selecting the new application or process from the process manager
5 window, displaying at least one of configure, control, diagnose and status buttons associ-
6 ated with the new application or process; and

7 in response to selecting one of the displayed configure, control, diagnose and
8 status buttons, obtaining a respective configure, control, diagnose and status object from
9 the new application or process; and

10 displaying the obtained configure, control, diagnose and status object at the net-
11 work management station.

1 6. (Original) The method of claim 5 further comprising the step of modifying the
2 respective parameters of the new application or process automatically and dynamically in
3 response to manipulations of the configure, control, diagnose and status object displayed
4 at the network management station.

1 7. (Original) A computer readable medium containing executable program in-
2 structions for automatically and dynamically informing a network management station
3 that is disposed within a computer network of a new application or process being opened,
4 the computer network further including a process manager, the executable program in-
5 structions comprising program instructions for:

6 establishing a configuration service layer in communicating relationship with the
7 new application or process and the process manager;

8 in response to opening the new application or process, issuing a registration ser-
9 vice request from the new application or process to the process manager through the con-
10 figuration service layer;

11 establishing a method at the network management station for persistently and con-
12 tinuously listening for messages from the process manager;

13 in response to receiving the registration service request at the process manager,
14 generating and forwarding a notification message that identifies the new application or
15 process to network management station; and

16 automatically and dynamically displaying the notification message at the network
17 management station.

1 8. (Previously Presented) A computer workstation for use in a computer network
2 having at least one process manager, the workstation comprising:

3 at least one application or process;

4 a network communication facility;

5 a user interface application; and

6 a configuration service layer in communicating relationship with the at least one
7 application or process and the network communications facility,

8 wherein the at least one application or process and the configuration service layer coop-

9 erate to generate and issue, through the network communication facility, a registration

10 service request to the at least one process manager upon opening of the at least one appli-

11 cation or process at the computer workstation and wherein the process manager is con-

12 figured to generate and forward a notification message that identifies the new application

13 or process to the user interface application in response to receiving the registration ser-

14 vice request.

1 9. (Previously presented) The method of claim 1 further comprising the steps of:

2 detecting a new device added to the network; and
3 upon detecting the new device, generating a second notification object; and
4 passing the second notification object to the network management station.

1 10. (Previously presented) The method of claim 9 further comprising the step of
2 in response to receiving the second notification object, displaying a name and a location
3 associated with the new device at the network management station.

1 11. (Previously presented) A computer readable medium as defined in claim 7
2 further comprising program instructions for:
3 creating a process manager window at the network management station wherein
4 the process manager window displays a list of applications and processes opened in the
5 computer network; and
6 in response to receiving the notification message, adding the new application or
7 process to the list of applications and processes displayed in the process manager win-
8 dow.

1 12. (Previously presented) A computer readable medium as defined in claim 11
2 wherein the new application or process has parameters associated with at least one of
3 configure, control, diagnose and status functions, the computer readable medium further
4 comprising program instructions for:

5 in response to selecting the new application or process from the process manager
6 window, displaying at least one of configure, control, diagnose and status buttons associ-
7 ated with the new application or process; and

8 in response to selecting one of the displayed configure, control, diagnose and
9 status buttons, obtaining a respective configure, control, diagnose and status object from
10 the new application or process; and

11 displaying the obtained configure, control, diagnose and status object at the net-
12 work management station.

1 13. (Canceled).

1 14. (Currently amended) A computer workstation as defined in claim ~~13~~ 8 further
2 wherein the user interface application is configured to receive the notification message
3 and display the notification message at the network management station without having
4 to close and re-start the management station.

1 15. (Previously presented) A computer workstation as defined in claim 8 further
2 comprising a topology server configured to detect a new device added to the network
3 and, upon detecting the new device, to issue a notification object to a user application in-
4 terface.

1 16. (Previously presented) A system for dynamically modifying the configura-
2 tion, settings and other parameters associated with one or more applications or processes
3 running in a computer network, the system comprising:

4 means for registering with a process manager upon opening an application or pro-
5 cess;

6 means for generating a notification object upon the registration of an opened ap-
7 plication or process, wherein the notification object contains a reference identifying the
8 opened application or process;

9 means for passing the notification object to one or more user interface applica-
10 tions; and

11 means for presenting the notification object in one or more user interface applica-
12 tions without having to close and re-start the respective user interface application.

1 17. (Previously presented) A system as defined in claim 16 wherein each user in-
2 terface application contains one or more windows, the system further comprising:

3 means for displaying the notification object in one or more windows contained in
4 one or more user interface applications.

1 18. (Previously presented) A system as defined in claim 16 further comprising:

2 means for creating a process manager window that displays a list of applications
3 and processes opened in the computer network; and

4 means for adding an application or process to the list of applications and proc-
5 esses displayed in the process manager window in response to receiving the notification
6 object.

1 19. (Previously presented) A system as defined in claim 18 comprising:

2 means for displaying at least one of configure, control, diagnose and status but-
3 tons associated with an application or process in response to selecting the application or
4 process from the process manager window;

5 means for obtaining a respective configure, control, diagnose and status object
6 from the new application or process in response to selecting one of the displayed config-
7 ure, control, diagnose and status buttons; and

8 means for displaying the obtained configure, control, diagnose and status object.

1 20. (Previously presented) A system as defined in claim 16 comprising:

2 means for detecting a new device added to the network; and

3 means for issuing a service request to a user application interface upon detecting
4 the new device, wherein the service request contains a name identifying the new device.

1 21. (Previously presented) A system as defined in claim 20 further comprising:

1 means for receiving the service request at a user application; and

2 means for adding the name identifying the new device to a list of devices dis-
3 played in a window presented on a display screen of a workstation.

Please add new claims 22 et al. as follows:

1 22. (New) A method for management of application processes in a computer
2 network, comprising:
3 adding a new application process to execute on a server computer;
4 transmitting by the new application process, in response to the new application
5 process being added, a registration service request to a process manager software execut-
6 ing on a workstation;
7 receiving the registration service request by the workstation; and
8 identifying by management software executing on the workstation that the new
9 application process is executing on the server computer.

1 23. (New) The method as in claim 22, further comprising:
2 transmitting the registration service request over a computer network to the work-
3 station.

1 24. (New) The method as in claim 22, further comprising:
2 automatically displaying, in response to receiving the registration service request,
3 an indication that the new application process is executing on the server computer with-
4 out having to close and re-start the management software.

1 25. (New) A system for management of application processes in a computer net-
2 work, comprising:

3 means for adding a new application process to execute on a server computer;

4

5 means for transmitting by the new application process, in response to the new ap-
6 plication process being added, a registration service request to a process manager soft-
7 ware executing on a workstation;

8 means for receiving the registration service request by the workstation; and

9 means for identifying by management software executing on the workstation that
10 the new application process is executing on the server computer.

1 26. (New) The system as in claim 25, further comprising:

2 means for transmitting the registration service request over a computer network to
3 the workstation.

1 27. (New) The system as in claim 26, further comprising:

2 means for automatically displaying, in response to receiving the registration ser-
3 vice request, an indication that the new application process is executing on the server
4 computer without having to close and re-start the management software.

1 28. (New)

2 A system for management of application processes in a computer network, comprising:
3 a server computer, the server computer having a new application process added to
4 execute on the server computer;
5 a workstation;
6 a network communication facility to transmit by the server computer, in response
7 to the new application process being added, a registration service request to a process
8 manager software executing on the workstation; and
9 management software executing on the workstation, in response to receiving the
10 registration service request, the management software identifying that the new applica-
11 tion process is executing on the server computer.

1 29. (New) The system as in claim 28, further comprising:
2 the network communication facility transmitting the registration service request
3 over a computer network to the workstation.

1 30. (New) The system as in claim 28, further comprising:
2 the workstation automatically displaying by the management software, in re-
3 sponse to the workstation receiving the registration service request, an indication that the
4 new application process is executing on the server computer without having to close and
5 re-start the management software.

1 31. (New) A computer readable media, comprising:
2 said computer readable media having instructions written thereon for execution on
3 a processor for the practice of a method for management of application processes in a
4 computer network, having the steps,
5 adding a new application process to execute on a server computer;
6 transmitting by the new application process, in response to the new application
7 process being added, a registration service request to a process manager software execut-
8 ing on a workstation;
9 receiving the registration service request by the workstation; and
10 identifying by management software executing on the workstation that the new
11 application process is executing on the server computer.

1 32. (New) Electromagnetic signals propagating on a computer network, compris-
2 ing:
3 said electromagnetic signals carrying instructions for execution on a processor for
4 the practice of a method for management of application processes in a computer network,
5 the method having the steps of,
6 adding a new application process to execute on a server computer;
7 transmitting by the new application process, in response to the new application
8 process being added, a registration service request to a process manager software execut-
9 ing on a workstation;
10 receiving the registration service request by the workstation; and

11 identifying by management software executing on the workstation that the new
12 application process is executing on the server computer.

1 33. (New) A method for operating a workstation, comprising:
2 executing a management software on the workstation;
3 receiving a registration service request by the workstation from a server computer,
4 the registration service request transmitted by a new application process, the new applica-
5 tion process transmitting the registration service request in response to being added to the
6 server computer to execute on the server computer; and
7 identifying by the management software executing on the workstation that the
8 new application process is executing on the server computer.

1 34. (New) The method as in claim 33, further comprising:
2 receiving the registration service request over a computer network from the server
3 computer.

1 35. (New) The method as in claim 33, further comprising:
2 automatically displaying, in response to receiving the registration service request,
3 an indication that the new application process is executing on the server computer with-
4 out having to close and re-start the management software.

1 36. (New) A computer workstation, comprising:

2 means for executing a management software on the workstation;

3 means for receiving a registration service request by the workstation from a server
4 computer, the registration service request transmitted by a new application process, the
5 new application process transmitting the registration service request in response to being
6 added to the server computer to execute on the server computer; and

7 means for identifying by the management software executing on the workstation
8 that the new application process is executing on the server computer.

1 37. (New) The workstation as in claim 36, further comprising:

2 means for receiving the registration service request over a computer network from
3 the server computer.

1 38. (New) The workstation as in claim 36, further comprising:

2 means for automatically displaying, in response to receiving the registration ser-
3 vice request, an indication that the new application process is executing on the server
4 computer without having to close and re-start the management software.

1 39. (New) A computer workstation, comprising:

2 a management software executing on the workstation;

3 a network communication facility to receive a registration service request by the
4 workstation from a server computer, the registration service request transmitted by a new
5 application process, the new application process transmitting the registration service re-

6 quest in response to being added to the server computer to execute on the server com-
7 puter; and

8 the management software identifying, in response to receiving the registration
9 service request, that the new application process is executing on the server computer.

1 40. (New) The workstation as in claim 39, further comprising:

2 a network communications facility to receive the registration service request over
3 a computer network from the server computer.

1 41. (New) The workstation as in claim 39, further comprising:

2 the management software automatically displaying, in response to receiving the
3 registration service request, an indication that the new application process is executing on
4 the server computer without having to close and re-start the management software.

1 42. (New) A computer readable media, comprising:

2 said computer readable media having instructions written thereon for execution on
3 a processor for the practice of a method for operating a workstation, the method having
4 the steps of,

5 executing a management software on the workstation;

6 receiving a registration service request by the workstation from a server computer,
7 the registration service request transmitted by a new application process, the new applica-

8 tion process transmitting the registration service request in response to being added to the
9 server computer to execute on the server computer; and
10 identifying by the management software executing on the workstation that the
11 new application process is executing on the server computer.

1 43. (New) Electromagnetic signals propagating on a computer network, compris-
2 ing:
3 said electromagnetic signals carrying instructions for execution on a processor for
4 the practice of a method for operating a workstation, the method having the steps of,
5 executing a management software on the workstation;
6 receiving a registration service request by the workstation from a server computer,
7 the registration service request transmitted by a new application process, the new applica-
8 tion process transmitting the registration service request in response to being added to the
9 server computer to execute on the server computer; and
10 identifying by the management software executing on the workstation that the
11 new application process is executing on the server computer.

1 44. (New) A method for operating a server computer, comprising:
2 adding a new application process to execute on the server computer; and
3 transmitting by the new application process, in response to the new application
4 process being added, a registration service request to a workstation, the workstation con-

5 figured to identify, upon receipt of the registration service request, that the new applica-
6 tion process is executing on the server computer.

1 45. (New) The method as in claim 44, further comprising:
2 transmitting the registration service request over a computer network to the work-
3 station.

1 46. (New) A server computer, comprising:
2 means for adding a new application process to execute on the server computer;
3 and
4 means for transmitting by the new application process, in response to the new ap-
5 plication process being added, a registration service request to a workstation, the work-
6 station configured to identify, upon receipt of the registration service request, that the
7 new application process is executing on the server computer.

1 47. (New) The server computer as in claim 46, further comprising:
2 means for transmitting the registration service request over a computer network to
3 the workstation.

1 48. (New) A server computer, comprising:
2 an interface to a new network device, the new network device having a new ap-
3 plication process to execute on the server computer; and

4 a network communication facility to transmit by the new application process, in
5 response to the new application process being added to the server computer, a registra-
6 tion service request to a workstation, the workstation configured to identify, upon receipt
7 of the registration service request, that the new application process is executing on the
8 server computer.

1 49. (New) The server computer as in claim 48, further comprising:
2 the network communications facility to transmit the registration service request
3 over a computer network to the workstation.

1 50. (New) A computer readable media, comprising:
2 said computer readable media having instructions written thereon for execution on
3 a processor for the practice of a method for operating a server computer, the method hav-
4 ing the steps of,
5 adding a new application process to execute on the server computer; and
6 transmitting by the new application process, in response to the new application
7 process being added, a registration service request to a workstation, the workstation con-
8 figured to identify, upon receipt of the registration service request, that the new applica-
9 tion process is executing on the server computer.

1 51. (New) Electromagnetic signals propagating on a computer network, compris-
2 ing:

3 said electromagnetic signals carrying instructions for execution on a processor for
4 the practice of a method for operating a server computer, the method having the steps of,
5 adding a new application process to execute on the server computer; and
6 transmitting by the new application process, in response to the new application
7 process being added, a registration service request to a workstation, the workstation con-
8 figured to identify, upon receipt of the registration service request, that the new applica-
9 tion process is executing on the server computer.